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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: W.D. Grover et al. Attorney Docket No.: LAMA121377

Application No.: 10/613,531 Group Art Unit: 2643

Filed: July 2, 2003

Title: METHOD FOR DESIGN OF NETWORKS BASED ON P-CYCLES

INFORMATION DISCLOSURE STATEMENT

Seattle, Washington 98101

September 3, 2004

TO THE COMMISSIONER FOR PATENTS:

Applicants are aware of the information listed in the attached form that may be material to the prosecution of the above-identified patent application.

1. X Pursuant to 37 C.F.R. § 1.97(b), this Information Disclosure Statement is being filed within three months of the filing date of the national application (other than a CPA), within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application, before the mailing date of a first Office Action on the merits, or before the mailing date of a first Office Action after the filing of an RCE.

Respectfully submitted,

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I hereby certify that this correspondence is being deposited with the U.S. Postal Service in a sealed envelope as first class mail with postage thereon fully prepaid and addressed to **Mail Stop Amendment**, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the below date.

Date: September 3, 2004

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Information Cited by the Applicant(s) that may be Material to the Prosecution of the Subject Application

Re: Application Serial No. 10/613,531
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United States Patent Documents

Examiner Initial	ID	Document Number	Date	Name	Class	Sub Class
_____	A1	4,956,835	09/11/1990	Grover	370	228
_____	A2	5,850,505	12/15/1998	Grover et al.	714	4
_____	A3	6,052,796	04/18/2000	Croslin	714	4
_____	A4	6,331,905	12/18/2001	Ellinas et al.	398	2
_____	A5	2002/0187770	12/12/2002	Grover et al.	455	403
_____	A6	09/561,355	04/28/2000	Grover	714	

Foreign Patent Documents

Examiner Initial	ID	Document Number	Date	Country	Class	Sub Class	Trans-lation?
_____	B1	2,161,847	10/31/1995	Canada			N/A
		(Corresponds to A2 above)					
_____	B2	2,360,963	11/02/2001	Canada			N/A
		(Corresponds to A5 above)					
_____	B3	2,307,520	04/28/2000	Canada			N/A
		(Corresponds to A6 above)					

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Other Information
(Include author, title, date of publication to extent known, relevant pages, and place of publication if known)

Examiner Initial	ID	Document Identification
_____	C1	M. Herzberg, S.J. Bye, "An optimal spare-capacity assignment model for survivable networks with hop limits", *IEEE Globecom 1994*, pp. 1601-1607
_____	C2	W.D. Grover, "Distributed restoration of the transport network", in *Network Management into the 21st Century*, editors T. Pleyvak, S. Aidarous, *IEEE/IEE Press Co-publication,* Chapter 11, pp. 337-417, Feb. 1994.
_____	C3	R.R. Iraschko, M.H. MacGregor, W.D. Grover, "Optimal capacity placement for path restoration in mesh survivable networks", *ICC 1996*, Dallas, June 1996, pp. 1568-1574
_____	C4	W.D. Grover, D.Y. Li, "The forcer concept and express route planning in mesh-survivable networks", *Journal of Network and Systems Management,* Vol. 7, No. 2, 1999, pp. 199-223
_____	C5	W.D. Grover, M.H. MacGregor, "Potential for spare capacity preconnection to reduce crossconnection workloads in mesh-restorable networks", *Electronics Letters,* Fe. 3, 1994, Vol. 30, No. 3, pp 194-195
_____	C6	W.D. Grover, D. Stamatelakis, "Self-organizing closed path configuration of restoration capacity in broadband mesh transport networks", *CCBR '98*, June 1998, 12 pages
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_____	C9	W.D. Grover, J.B. Slevinsky, M.H. MacGregor, "Optimized design of ring-based survivable networks", *Can. J. Elect. & Comp. Eng.*, Vol. 20, No. 3, 1995, pp. 139-149
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_____	C11	D. Stamatelakis, "Theory and algorithms for preconfiguration of spare capacity in mesh restorable networks", M.Sc. Thesis, 1997

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_____ C12 R.R. Iraschko, M.H. MacGregor, W.D. Grover, "Optimal capacity placement for path restoration in STM or ATM mesh-survivable networks", *IEEE/ACM Trans. On Networking*, Vol. 6, No. 3, June 1998, pp. 325-336

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_____ C14 B.A. Coan, W.E. Leland, M.P. Vecchi, A. Weinrib, L.T. Wu, "Using distributed topology update and preplanned configurations to achieve trunk network survivability", *IEEE Trans. On Reliability*, Vol. 40, No. 4, Oct. 1991, pp. 404-427

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_____ C17 W. Grover, J. Doucette, M. Clouqueur, D. Leung, "New options and insights for survivable transport networks", *IEEE Communications Magazine*, vol. 40, no. 1, pp. 34-41, Jan. 2002

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Examiner: _____ Date Considered: _____

[Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P; draw line through citation is not in conformance and not considered. Include copy of this form with next communication to applicant]